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**From:** SR-LCH Hazmat - NOAA Service Account [sr-lch.hazmat@noaa.gov]  
**Sent:** 11/29/2019 1:54:19 PM  
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**CC:** Todd Mogged - NOAA Federal [todd.mogged@noaa.gov]  
**Subject:** HYSPLIT smoke plume forecast TPC fire: 8 am Fri 11.29.19

Here is the link to the latest HYSPLIT plume forecast, issued at 8 am Friday 11/29/19.

<http://www.hysplit-pub.noaa.gov/hysplitpublic-bin/hyresults.pl?jobidno=23071>

East to southeast winds will continue this morning with plume dispersion to the northwest of the incident site. The greatest concentrations will continue to be dispersed over the Port Neches area directly downwind of the incident. Elevated concentrations will continue downwind roughly paralleling TX 347 and the Neches River towards Beaumont. The plume direction will meander some through the day due to any small scale wind changes, but a general continued dispersion to the northwest is expected.

Higher concentrations are still expected to remain trapped closer to the surface while a temperature inversion persists. This inversion is expected to break down after 10am, allowing smoke to rise and disperse at higher altitudes. Visibility across the area will vary between 1/2 and 1 mile in fog and patchy drizzle through mid morning. Visibility increases will also indicate the breakdown of the low level inversion.